

Table 51. Shipments of Photovoltaic Cells and Modules by Market Sector, End Use, and Type, 2004 and 2005 (Peak Kilowatts)

Sector and End Use	Crystalline Silicon ^a	Thin-Film Silicon	Concentrator Silicon	Other	2005 Total ^p	2004 Total
Market						
Industrial	21,674	525	0	0	22,199	30,493
Residential	70,986	4,029	25	0	75,040	53,928
Commercial	61,084	28,349	25	0	89,459	74,509
Transportation	1,621	0	0	0	1,621	1,380
Utility	68	0	75	0	143	3,233
Government ^b	8,034	20,649	0	0	28,683	3,257
Other ^c	9,498	274	0	0	9,772	14,316
Total	172,965	53,826	125	0	226,916	181,116
End Use						
Electricity Generation						
Grid Interactive	126,157	42,217	100	0	168,474	129,265
Remote	23,589	1,344	25	0	24,958	18,371
Communication	8,507	159	0	0	8,666	11,348
Consumer Goods	5,511	276	0	0	5,787	6,444
Transportation	2,159	0	0	0	2,159	1,380
Water Pumping	1,273	70	0	0	1,343	1,322
Cells/Modules to OEM ^d	2,008	9,669	0	0	11,677	6,452
Health						341
Other ^e	3,762	91	0	0	3,853	6,193
Total	172,965	53,826	125	0	226,916	181,116

^a Includes single-crystal and cast and ribbon types.

^b Includes Federal, State, local governments, excluding military.

^c Other includes shipments that are manufactured for private contractors for research.

^d Original equipment manufacturer.

^e Other includes shipments of photovoltaic cells and modules for other uses, such as cooking food, desalinization, distillation, etc.

P = Preliminary.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration, Form EIA-63B, "Annual Photovoltaic Module/Cell Manufacturers Survey."